



Disp1
2841-AS-RED
Disp2
2841-AS-RED

LVDS Interface

SIPEED TANG PRIMER DEV. BOARD

v1.2

BANK3 - 3.3V
BANK2 - 3.3V
BANK1 - 3.3V
BANK0 - 2.5V

I/O PORTS
N3 N4 N5 N6 N7 N8
P3 P4 P5 P6 P7 P8
T3 T4 T5 T6 T7 T8
R3 R4 R5 R6 R7 R8

ADC
ADC0 ADC1 ADC2 ADC3 ADC4 ADC5 ADC6 ADC7
M0 M1 M2 M3 M4 M5 M6 M7

SPI2
MOSI MISO SCK NSS

JTAG / UART0
GND CTS RX TX DTR

UART Jumper
UART0 UART1

UART1
GND CTS RX TX DTR

UART2
GND CTS RX TX DTR

PS/2 Mouse
PS/2 Keyboard

SW1 SW2 SW3 SW4 SW5 SW6
TS-F007 Taster

IC1
LM1117MP-3.3

RESISTORS: R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28

CAPACITORS: C1, C2

Other Labels: J1, J2, J3, J4, J5, J6, J7, J8, J9, J10, J11, J12, J13, J14, J15, J16, J17, J18, J19, J20, J21, J22, J23, J24, J25, J26, J27, J28, J29, J30, J31, J32, J33, J34, J35, J36, J37, J38, J39, J40, J41, J42, J43, J44, J45, J46, J47, J48, J49, J50, J51, J52, J53, J54, J55, J56, J57, J58, J59, J60, J61, J62, J63, J64, J65, J66, J67, J68, J69, J70, J71, J72, J73, J74, J75, J76, J77, J78, J79, J80, J81, J82, J83, J84, J85, J86, J87, J88, J89, J90, J91, J92, J93, J94, J95, J96, J97, J98, J99, J100, J101, J102, J103, J104, J105, J106, J107, J108, J109, J110, J111, J112, J113, J114, J115, J116, J117, J118, J119, J120, J121, J122, J123, J124, J125, J126, J127, J128, J129, J130, J131, J132, J133, J134, J135, J136, J137, J138, J139, J140, J141, J142, J143, J144, J145, J146, J147, J148, J149, J150, J151, J152, J153, J154, J155, J156, J157, J158, J159, J160, J161, J162, J163, J164, J165, J166, J167, J168, J169, J170, J171, J172, J173, J174, J175, J176, J177, J178, J179, J180, J181, J182, 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